



National Weather Service

Storm Data and Unusual Weather Phenomena



March 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>OHIO, North</u>									
Knox County Countywide	09	0530EST 0545EST			0	0	3K		Thunderstorm Wind
Morrow County Countywide	09	0555EST 0610EST			0	0	3K		Thunderstorm Wind
Richland County Countywide	09	0600EST 0615EST			0	0	3K		Thunderstorm Wind
Ashland County Countywide	09	0615EST 0630EST			0	0	3K		Thunderstorm Wind
Holmes County Killbuck	09	0630EST 0647EST			0	0	3K		Thunderstorm Wind
Trees and power lines were downed.									
OHZ011-013>014-021	Cuyahoga - Geauga - Ashtabula - Summit								
	10	0345EST			0	0			Heavy Snow
	12	1200EST							
Heavy lake effect snow developed during the early morning hours on the 10th and continued on and off (mainly inland) for three days before tapering off to a few snow showers. Temperatures near or above freezing each day and the warm March sunshine kept roadways mainly wet and travel problems were confined mainly to the night time and early morning hours. Winds gusted to 40 miles per hour at times on the 10th, and diminished a bit each day, but drifting snow was a problem throughout the event. Total snow fall amounts generally ranged from six to eight inches with higher amounts of 10 inches at North Royalton (Cuyahoga County) and 10 inches at Burton (Gauga).									
OHZ003	Lucas								
	10	0630EST			0	0			Flood
	11	1315EST							
The Maumee River at Waterville exceeded its flood stage of nine feet and crested at 9.8 feet at 1300 EST on 03/10/98. Flooding was confined to low lying areas.									
OHZ014	Ashtabula								
	14	0400EST 1900EST			0	0	30K		Heavy Snow
Heavy snow on the back side of a low pressure center over the Appalachians was enhanced by north winds off Lake Erie. The heaviest snow occurred during the morning and midday. Seven inches of snow was reported at Pierpont. More than 15 traffic accidents occurred, but only minor injuries were reported.									
OHZ010-032	Lorain - Stark								
	14	0600EST 0602EST			0	0	20K		High Wind (G52)
A wind gust of 60 miles per hour was reported at Marlboro (Stark County). Winds gusting to 60 miles per hour downed an 80 foot tree on the aluminum awning of a house in Lorain (Lorain).									
Erie County Sandusky to Vermillion	20 21	2300EST 2200EST			0	0	100K		Storm Surge
Lorain County Lorain to Avon Lake	20 21	2300EST 2200EST			0	0	50K		Storm Surge
Lucas County Toledo to Reno Beach	20 21	2300EST 2200EST			0	0	100K		Storm Surge



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OHIO, North

Ottawa County

Port Clinton to Marblehead	20	2300EST			0	0	100K		Storm Surge
	21	2200EST							

Sandusky County

Kingsway to Clyde	20	2300EST			0	0	100K		Storm Surge
	21	2200EST							

North to northeast gales of 35 knots, with higher gusts, produced 11 to 14 foot waves on Lake Erie. Also, the water level at Toledo (Lucas County) was seven feet above low water datum. This combination resulted in major flooding and beach erosion. Many streets were flooded around Sandusky Bay (Ottawa, Sandusky, Erie) and Maumee Bay (Lucas) and flooding had progressed further inland in some areas. In Sandusky and Huron (Erie), several streets were flooded. At Beachwood Cove in Huron, the 30 foot high breakwall was destroyed and just a few feet of land separated the homes from the lake.

OHZ009

Erie

21	0100EST			0	0			Flood
22	0700EST							

The Huron River at Milan exceeded its flood stage of 14 feet and crested at 17.2 feet at 1215 EST on 03/21/98. Flooding occurred in lagoon communities from Milan to near Huron, resulting in some cottages and homes being completely surrounded by flood water.

OHZ003

Lucas

22	0600EST			0	0			Flood
23	0200EST							

The Maumee River at Waterville exceeded its flood stage of nine feet and crested at 9.4 feet at 0726 EST on 03/22/98. Flooding was confined to low lying areas.

OHZ011

Cuyahoga

27	1500EST			1	0	2K		High Wind
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A 46 year old man was killed when a wind gust blew his motorcycle into a median wall on Interstate 71, near W. 150th St.

M46VE

OHZ009>014-019>023-028>033-038

Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Huron - Medina - Summit - Portage - Trumbull - Crawford - Richland - Ashland - Wayne - Stark - Mahoning - Holmes

28	0930EST 1550EST			0	0	305K		High Wind
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Strong winds with gusts over 50 miles per hour downed trees and power lines, some landing on vehicles and houses. One tree fell on a house in Ashland (Ashland County); one on a house in Willoughby (Lake); and the roof was blown off a mobile home near Smithville Western Rd. in Wayne Township (Wayne).

Ottawa County

Elmore	28	1200EST 1230EST			0	0	5K		Thunderstorm Wind
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Numerous large limbs were downed.

Sandusky County

Green Spgs	28	1230EST 1300EST			0	0	15K		Thunderstorm Wind
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Power poles and power lines were downed in Green Springs. Large limbs were downed in Lindsey

Seneca County

Tiffin	28	1300EST 1330EST			0	0	10K		Thunderstorm Wind
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Trees were downed.

Huron County

Countywide	28	1310EST 1330EST			0	0	20K		Thunderstorm Wind
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Trees and power poles were downed.



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					Killed	Injured	Property	Crops	

OHIO, North

Erie County

Castalia	28	1330EST 1400EST			0	0	20K		Thunderstorm Wind
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Telephone and power poles were downed

PENNSYLVANIA, Northwest

PAZ001

Northern Erie

08	1600EST 1700EST			0	0	50K		High Wind
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Northeast winds up to 60 miles per hour along the lakeshore downed a tree on a house in Fairview and another tree fell on a house in Erie. Cablevision and power lines were downed

PAZ002>003

Southern Erie - Crawford

10 12	0415EST 0645EST			0	0			Heavy Snow
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Heavy lake effect snow developed during the early morning hours on the 10th and continued on and off (mainly inland) for three days before tapering off to a few snow showers. Temperatures near or above freezing each day and the warm March sunshine kept roadways mainly wet and travel problems were confined mainly to the night time and early morning hours. Winds gusted to 40 miles per hour at times on the 10th, and diminished a bit each day, but drifting snow was a problem throughout the event. Snow depths reached six inches by 11 AM on the 10th. Total snow fall amounts generally ranged from six to eight inches, with higher amounts of 24 inches in Edinboro, 22 inches at Franklin Center and 12 inches at Corry, all in Erie County; and 22 inches at Spartansburg in Crawford County.

PAZ002>003

Southern Erie - Crawford

14	0415EST 1915EST			0	0			Heavy Snow
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Heavy snow on the back side of a low pressure center over the Appalachians was enhanced by north winds off Lake Erie. The heaviest snow occurred during the morning and midday. Accumulations of 16 inches occurred at Union City, 12 inches at Corry and 9 inches at Edinboro, all in Inland Erie county; twelve inches at Conneautville and nine inches each at Spartansburg and Cambridge Springs, all in Crawford County.

PAZ001

Northern Erie

21	0900EST 1535EST			0	0			Heavy Snow
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Rain changed to snow on the back side of a low pressure system and a band of heavy snow rotated into the Erie County PA lakeshore and then weakened. Snow accumulated four to eight inches along the lakeshore with the heaviest amounts east of the city of Erie. The city of Northeast reported eight inches of new snow with north winds of 35 miles per hour blowing the snow into drifts up to four feet deep.